

STATE OF IOWA LABORSHED AREA

A map of Iowa showing its counties and major cities. The counties are labeled with their names, and the cities are marked with black dots and labeled. The map is oriented with North at the top.

Counties (from top-left to bottom-right):

- Rock Rapids, Lyon, Osceola, Dickinson, Emmet, Ledyard, Winnebago, Worth, Mitchell, Howard, Decorah, Allamakee
- Sioux, O'Brien, Clay, Palo Alto, Koskuth, Hancock, Clear Lake, Cerro Gordo, Floyd, Chickasaw, Winneshiek, Fayette, Clayton
- Plymouth, Cherokee, Buena Vista, Pocahontas, Humboldt, Wright, Franklin, Butler, Tripoli, Bremer, Black Hawk, Buchanan, Delaware, Dubuque
- Woodbury, Ida, Sac, Calhoun, Webster, Hamilton, Hardin, Grundy, Waterloo, Jesup, Independence, Quasqueton, Peosta, Dubuque
- Sloan, Monona, Crawford, Carroll, Greene, Boone, Story, Ames, Nevada, Marshalltown, Tama, Benton, Lincoln, Marion, Anamosa, Jackson, Clinton, Clinton
- Harrison, Logan, Missouri Valley, Shelby, Audubon, Guthrie, Dallas, Granger, Grimes, Ankeny, Johnston, Newton, Grinnell, Poweshiek, Williamsburg, Coralville, Iowa City, Scott, Davenport, Bettendorf
- Neola, Pottawattamie, Cass, Adair, Madison, Warren, Polk, Jasper, Marion, Keokuk, Washington, Louisa, Wapello, Muscatine, Muscatine, Keokuk
- Council Bluffs, Griswold, Adams, Union, Clarke, Lucas, Monroe, Ottumwa, Batavia, Jefferson, Henry, Des Moines, Sperry, Burlington, West Burlington, Lee
- Fremont, Page, Taylor, Ringgold, Decatur, Wayne, Appanoose, Centerville, Davis, Van Buren, Keosauqua, Keokuk

Cities (from top-left to bottom-right):

- Rock Rapids, Lyon, Osceola, Dickinson, Emmet, Ledyard, Winnebago, Worth, Mitchell, Howard, Decorah, Allamakee
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FOR MORE INFORMATION REGARDING THE STATE OF IOWA, IA LABORSHERED, CONTACT:

Iowa Workforce Development
Labor Market Information Division
1000 E. Grand Avenue, Des Moines, Iowa 50319
Phone: (515) 281-7505 | Email: Laborshed.Studies@iwd.iowa.gov
www.iowalmi.gov/laborshed

LABOR CHARACTERISTICS

ARCHITECTURE & ENGINEERING

ESTIMATED AVAILABLE LABOR PER OCCUPATIONAL CATEGORY:

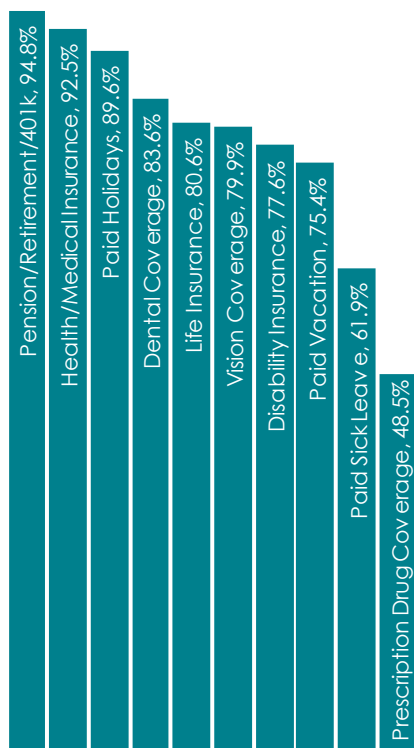
- Agricultural Engineers - 0.72%
- Architectural & Civil Drafters - 0.72%
- Civil Engineering Technicians - 0.72%
- Civil Engineers - 3.6%
- Computer Hardware Engineers - 5.04%
- Drafters, All Other - 1.44%
- Electrical & Electronic Engineering Technicians - 3.6%
- Electrical & Electronics Drafters - 0.72%
- Electrical Engineers - 2.88%
- Engineering Technicians, Except Drafters, All Other - 10.79%
- Engineers, All Other - 45.32%
- Environmental Engineering Technicians - 0.72%
- Environmental Engineers - 1.44%
- Health & Safety Engineers, Except Mining Safety Engineers & Inspectors - 0.72%
- Industrial Engineering Technicians - 1.44%
- Industrial Engineers - 2.88%
- Landscape Architects - 2.16%
- Marine Engineers & Naval Architects - 0.72%
- Mechanical Engineers - 9.35%
- Mining & Geological Engineers, Including Mining Safety Engineers - 0.72%
- Surveyors - 4.32%

UNDEREMPLOYMENT (ESTIMATED):

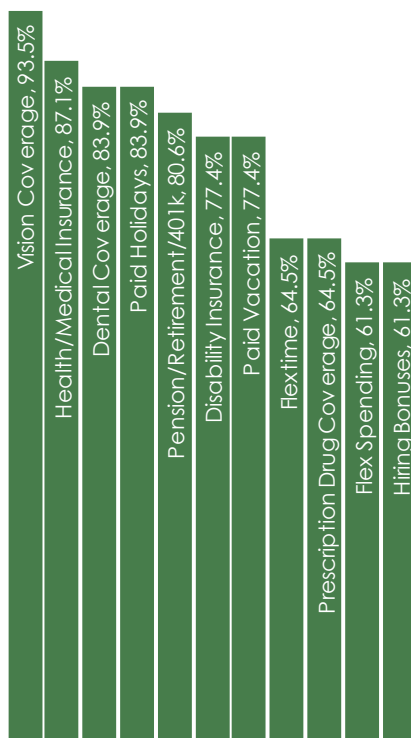
- Low hours - 0.0%
- Low income - 0.0%
- Mismatch of skills - 2.9%
- Total - 2.9%

(Individuals counted only once when estimating Total Underemployment.)

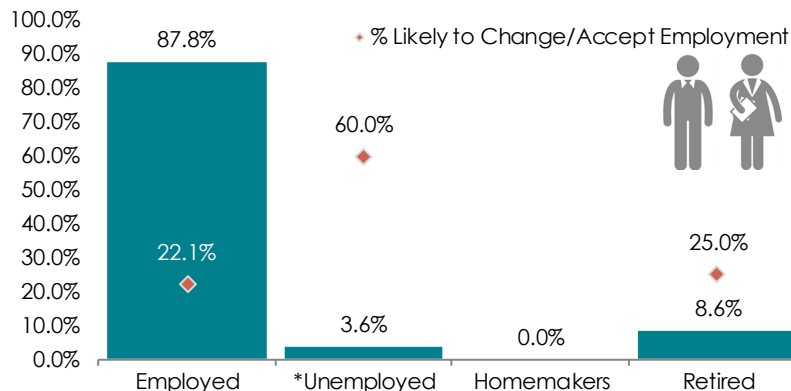
CURRENT BENEFITS:



DESIRED BENEFITS:



ESTIMATED TOTAL BY EMPLOYMENT STATUS (PERCENTAGE):



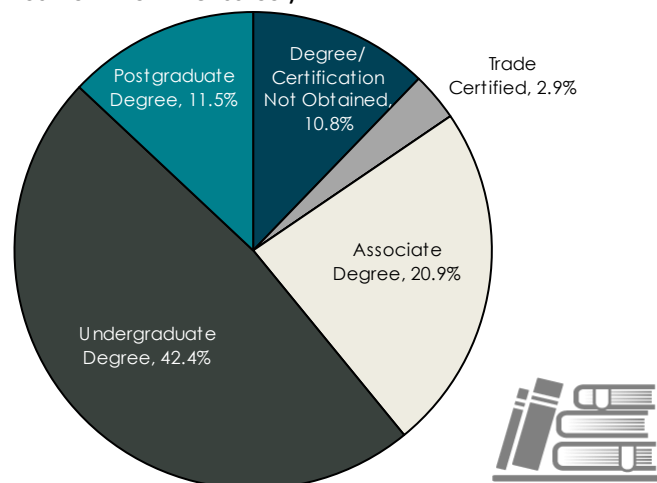
*Employment status is self-identified by the survey respondent. The unemployment percentage does not reflect the unemployment rate published by the U.S. Bureau of Labor Statistics, which applies a stricter definition.

EMPLOYMENT STATS:

- 64.0% paid an annual salary
- 98.6% are/were employed full-time
- 1.4% are/were employed part-time
- 2.2% are/were self-employed
- 13.9% hold two or more jobs
- Currently working an average of 45 hours/week

EDUCATIONAL LEVEL:

(88.5% HAVE AN EDUCATION BEYOND HIGH SCHOOL)



TOP JOB SEARCH RESOURCES:

(For those seeking employment opportunities, by use.)

- Internet - 53.0%
 - www.indeed.com
 - www.linkedin.com
 - www.monster.com
- Private Employment Services - 26.9%
- Networking through friends, family or acquaintances - 24.6%
- College/university career centers - 17.2%

WORKPLACE FLEXIBILITY:

(by percent of interest)

- Cross-training - 53.1%
- Job teams - 51.5%
- Job sharing - 45.5%
- Varied shifts - 39.4%
- Seasonal work - 30.3%
- Temporary work - 27.3%

LABOR CHARACTERISTICS

ARCHITECTURE & ENGINEERING

OCCUPATION	OCCUPATIONAL CODE	MEAN WAGE	ENTRY WAGE	EXPERIENCED WAGE	MEDIAN WAGE	MEAN ANNUAL SALARY
Aerospace Engineering and Operations Technicians	17-3021	\$27.49	\$19.05	\$31.70	\$27.76	\$57,173
Aerospace Engineers	17-2011	\$53.26	\$35.65	\$62.06	\$51.58	\$110,775
Agricultural Engineers	17-2021	\$41.02	\$28.88	\$47.09	\$38.77	\$85,319
Architects, Except Landscape and Naval	17-1011	\$36.68	\$22.42	\$43.80	\$32.35	\$76,287
Architectural and Civil Drafters	17-3011	\$26.68	\$18.62	\$30.70	\$25.48	\$55,485
Biomedical Engineers	17-2031	\$32.82	\$20.82	\$38.81	\$30.49	\$68,260
Cartographers and Photogrammetrists	17-1021	\$29.29	\$24.53	\$31.67	\$29.06	\$60,925
Chemical Engineers	17-2041	\$51.68	\$35.99	\$59.52	\$48.38	\$107,495
Civil Engineering Technicians	17-3022	\$25.20	\$16.25	\$29.67	\$24.64	\$52,411
Civil Engineers	17-2051	\$40.36	\$27.45	\$46.81	\$39.59	\$83,941
Computer Hardware Engineers	17-2061	\$34.65	\$20.23	\$41.85	\$30.33	\$72,066
Drafters, All Other	17-3019	\$25.36	\$16.81	\$29.63	\$24.80	\$52,739
Electrical and Electronics Drafters	17-3012	\$29.51	\$21.65	\$33.44	\$29.09	\$61,380
Electrical and Electronics Engineering Technicians	17-3023	\$30.77	\$22.59	\$34.86	\$31.03	\$63,997
Electrical Engineers	17-2071	\$42.16	\$31.54	\$47.47	\$41.19	\$87,697
Electro-Mechanical Technicians	17-3024	\$25.88	\$20.95	\$28.35	\$25.67	\$53,835
Electronics Engineers, Except Computer	17-2072	\$36.97	\$23.67	\$43.62	\$36.28	\$76,898
Engineering Technicians, Except Drafters, All Other	17-3029	\$27.70	\$20.08	\$31.51	\$26.59	\$57,616
Engineers, All Other	17-2199	\$37.61	\$25.23	\$43.80	\$36.19	\$78,229
Environmental Engineering Technicians	17-3025	\$24.51	\$15.50	\$29.01	\$21.96	\$50,974
Environmental Engineers	17-2081	\$38.08	\$28.80	\$42.72	\$37.59	\$79,205
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	17-2111	\$36.25	\$26.46	\$41.14	\$35.16	\$75,398
Industrial Engineering Technicians	17-3026	\$27.12	\$18.96	\$31.20	\$24.81	\$56,411
Industrial Engineers	17-2112	\$39.79	\$29.63	\$44.87	\$37.96	\$82,767
Landscape Architects	17-1012	\$28.17	\$18.82	\$32.85	\$24.61	\$58,603
Materials Engineers	17-2131	\$45.64	\$28.44	\$54.24	\$40.96	\$94,928
Mechanical Drafters	17-3013	\$26.53	\$18.36	\$30.61	\$24.70	\$55,182
Mechanical Engineering Technicians	17-3027	\$24.86	\$19.58	\$27.50	\$24.86	\$51,712
Mechanical Engineers	17-2141	\$38.72	\$26.05	\$45.05	\$36.83	\$80,534
Mining and Geological Engineers, Including Mining Safety Engineers	17-2151	\$43.69	\$29.81	\$50.62	\$46.66	\$90,866
Surveying and Mapping Technicians	17-3031	\$23.36	\$16.76	\$26.66	\$23.02	\$48,589
Surveyors	17-1022	\$31.37	\$21.80	\$36.15	\$30.46	\$65,246

The 2019 Iowa Wage data for the State of Iowa Laborshed area was produced by the Labor Force & Occupational Analysis Bureau to provide communities local information on wages by occupation. The source of the wage and employment data is based on the May 2018 OES estimates. Additional occupational wage and employment data can be found at www.iowalmi.gov/laborshed.